

**SYRINGE PUMP, AND RELATED METHOD
AND SYSTEM****CROSS-REFERENCES TO RELATED
APPLICATIONS**

[0001] This application is a Continuation Application of U.S. patent application Ser. No. 16/124,644, filed Sep. 7, 2018 and entitled Syringe Pump, and Related Method and System, which will be U.S. Pat. No. 11,129,933, issuing on Sep. 28, 2021 (Attorney Docket No. X07), which is a Continuation Application of U.S. patent application Ser. No. 15/673,814, filed Aug. 10, 2017 and entitled Syringe Pump, and Related Method and System, now U.S. Pat. No. 10,722,645, issued Jul. 28, 2020 (Attorney Docket No. V59) which is a Continuation Application of U.S. patent application Ser. No. 14/135,784, filed Dec. 20, 2013 and entitled Syringe Pump, and Related Method and System, now U.S. Pat. No. 9,789,247, issued Oct. 17, 2017 (Attorney Docket No. L50), which claims the benefit of U.S. Provisional Patent Application Ser. No. 61/904,123, filed Nov. 14, 2013 and entitled Syringe Pump and Related Method (Attorney Docket No. L33); and U.S. Provisional Patent Application Ser. No. 61/894,801, filed Oct. 23, 2013 and entitled Syringe Pump and Related Method (Attorney Docket No. K88), each of which is hereby incorporated herein by reference in its entirety.

[0002] U.S. patent application Ser. No. 14/135,784 (Attorney Docket No. L50) is also a Continuation-In-Part of U.S. patent application Ser. No. 13/833,432, filed Mar. 15, 2013 and entitled Syringe Pump and Related Method, now U.S. Pat. No. 9,744,300, issued Aug. 29, 2017 (Attorney Docket No. K21), which claims priority to and the benefit of the following:

[0003] U.S. Provisional Patent Application Ser. No. 61/679,117, filed Aug. 3, 2012 and entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow (Attorney Docket No. J30); and

[0004] U.S. Provisional Patent Application Ser. No. 61/651,322, filed May 24, 2012 and entitled System, Method, and Apparatus for Electronic Patient Care (Attorney Docket No. J46), both of which are hereby incorporated herein by reference in their entireties.

[0005] U.S. patent application Ser. No. 13/833,432 (Attorney Docket No. K21) claims priority to and is also a Continuation-In-Part Application of the following:

[0006] U.S. patent application Ser. No. 13/333,574, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Electronic Patient Care, now U.S. Pat. No. 10,453,157, issued Oct. 22, 2019 (Attorney Docket No. I97); and

[0007] PCT Application Serial No. PCT/US11/66588, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Electronic Patient Care, now International Publication No. WO 2013/095459, published Sep. 12, 2013 (Attorney Docket No. I97WO); and

[0008] U.S. patent application Ser. No. 13/723,238, filed Dec. 21, 2012 and entitled System, Method, and Apparatus for Clamping, now U.S. Pat. No. 9,759,369, issued Sep. 12, 2017 (Attorney Docket No. J47), which claims priority to and the benefit of the following:

[0009] U.S. Provisional Patent Application Ser. No. 61/578,649, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Infusing Fluid (Attorney Docket No. J02);

[0010] U.S. Provisional Patent Application Ser. No. 61/578,658, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Estimating Liquid Delivery (Attorney Docket No. J04);

[0011] U.S. Provisional Patent Application Ser. No. 61/578,674, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Dispensing Oral Medications (Attorney Docket No. J05);

[0012] U.S. Provisional Patent Application Ser. No. 61/679,117, filed Aug. 3, 2012 and entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow (Attorney Docket No. J30); and

[0013] U.S. Provisional Patent Application Ser. No. 61/651,322, filed May 24, 2012 and entitled System, Method, and Apparatus for Electronic Patient Care (Attorney Docket No. J46), each of which is hereby incorporated herein by reference in its entirety.

[0014] U.S. patent application Ser. No. 13/723,238 (Attorney Docket J47) claims priority to and is a Continuation-In-Part Application of the following:

[0015] U.S. patent application Ser. No. 13/333,574, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Electronic Patient Care, now U.S. Pat. No. 10,453,157, issued Oct. 22, 2019 (Attorney Docket No. I97), and

[0016] PCT Application Serial No. PCT/US11/66588, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Electronic Patient Care, now International Publication No. WO 2013/095459, published Sep. 12, 2013 (Attorney Docket No. I97WO), both of which are hereby incorporated herein by reference in their entireties.

[0017] U.S. patent application Ser. No. 13/833,432 (Attorney Docket No. K21) claims priority to and is also a Continuation-in-Part Application of U.S. patent application Ser. No. 13/723,235, filed Dec. 21, 2012 and entitled System, Method, and Apparatus for Dispensing Oral Medications, now U.S. Pat. No. 9,400,873, issued Jul. 26, 2016 (Attorney Docket No. J74), which claims priority to and benefit of the following:

[0018] U.S. Provisional Patent Application Ser. No. 61/578,649, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Infusing Fluid (Attorney Docket No. J02);

[0019] U.S. Provisional Patent Application Ser. No. 61/578,658, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Estimating Liquid Delivery (Attorney Docket No. J04);

[0020] U.S. Provisional Patent Application Ser. No. 61/578,674, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Dispensing Oral Medications (Attorney Docket No. J05);

[0021] U.S. Provisional Patent Application Ser. No. 61/679,117, filed Aug. 3, 2012 and entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow (Attorney Docket No. J30); and

[0022] U.S. Provisional Patent Application Ser. No. 61/651,322, filed May 24, 2012 and entitled System, Method, and Apparatus for Electronic Patient Care (Attorney Docket No. J46), each of which is hereby incorporated herein by reference in its entirety.

[0023] U.S. patent application Ser. No. 13/723,235 (Attorney Docket No. J74) claims priority to and is a Continuation-In-Part Application of the following:

[0024] U.S. patent application Ser. No. 13/333,574, filed Dec. 21, 2011 and entitled System, Method, and Apparatus